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(54) Title: VISION SYSTEM FOR DEPLOYING SAFETY SYSTEMS

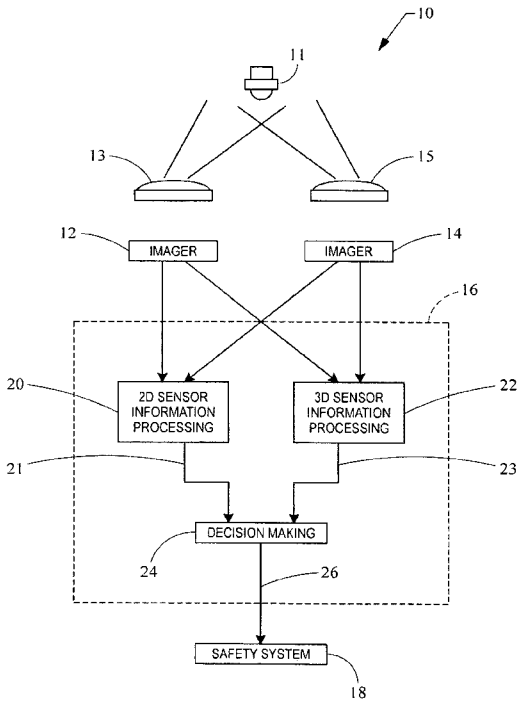

Fig. 1

(57) Abstract: A control system for safety deployment. The control system includes a processor, a first imaging sensor, and a second imaging sensor. The first and second imaging sensor are in electrical communication with the processor. The processor generates a safety system activation decision based on two-dimensional information received from the first imaging sensor and three-dimensional information based on the first and second imaging sensor.

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